

Amendments to the Specification

Please substitute the following replacement paragraph for the original paragraph that begins on page 7 at line 20.

Referring now to Figure 2, for a first embodiment of the invention, a memory controller includes memory control logic 201 coupled to a read only memory (ROM) 202 in which is stored the one-way algorithm. In order to implement the new method, a security key generated by the developer of a new code image is packaged with the new code image. Both the new code image and the security key are loaded on the removable media drive 108 or downloaded to the hard disk drive 107 from a remote site. The new code image and security key are then loaded into the main memory 104, the processor 101 loads the one-way algorithm from the ROM 202 and computes a local key from ~~form~~ the new code image. The processor then compares the local key with the security key. If the two values are identical, the memory control logic 201 permits the processor to write the new code image into the modifiable memory 105.

Response To Office Action
Serial No. 09/767,606

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